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FIG. 2

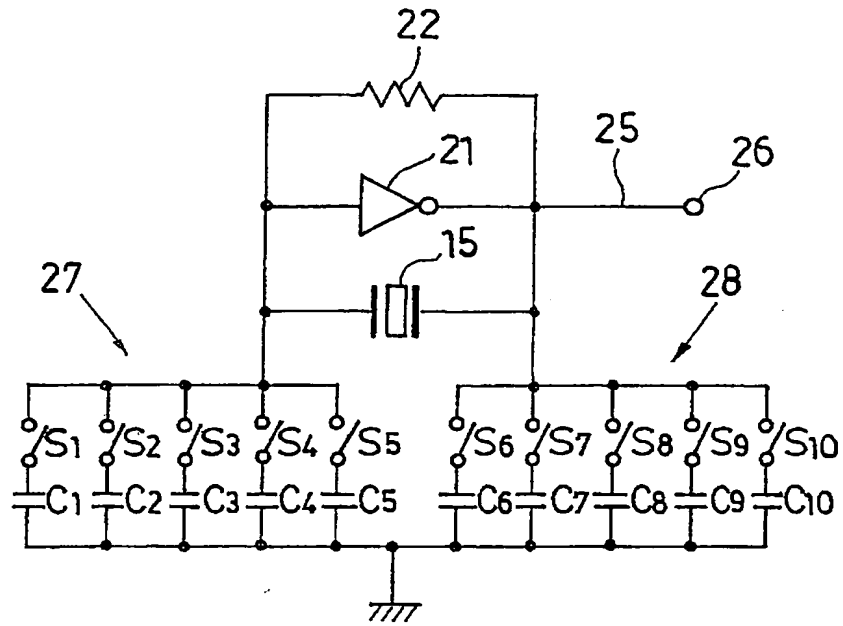
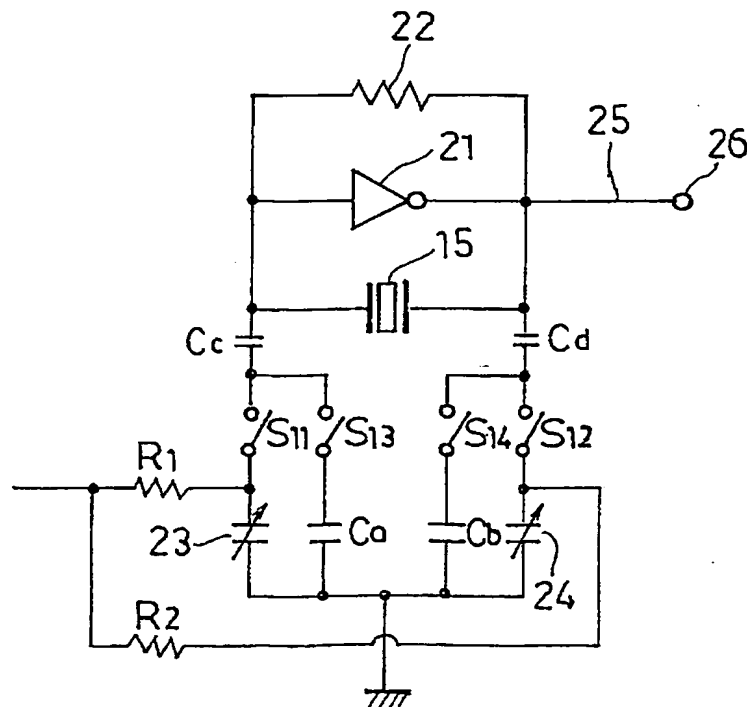


FIG. 3



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FIG. 4

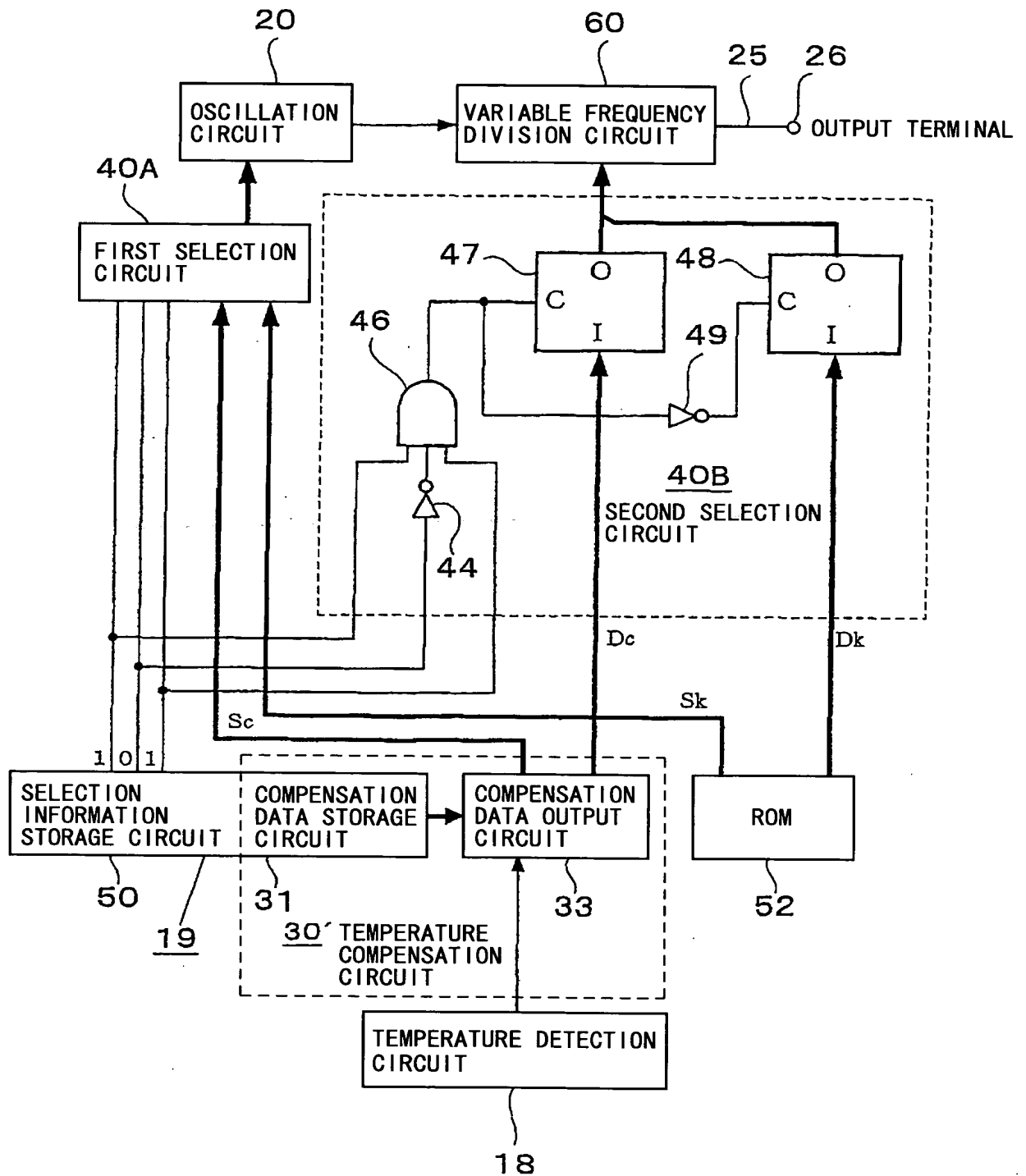
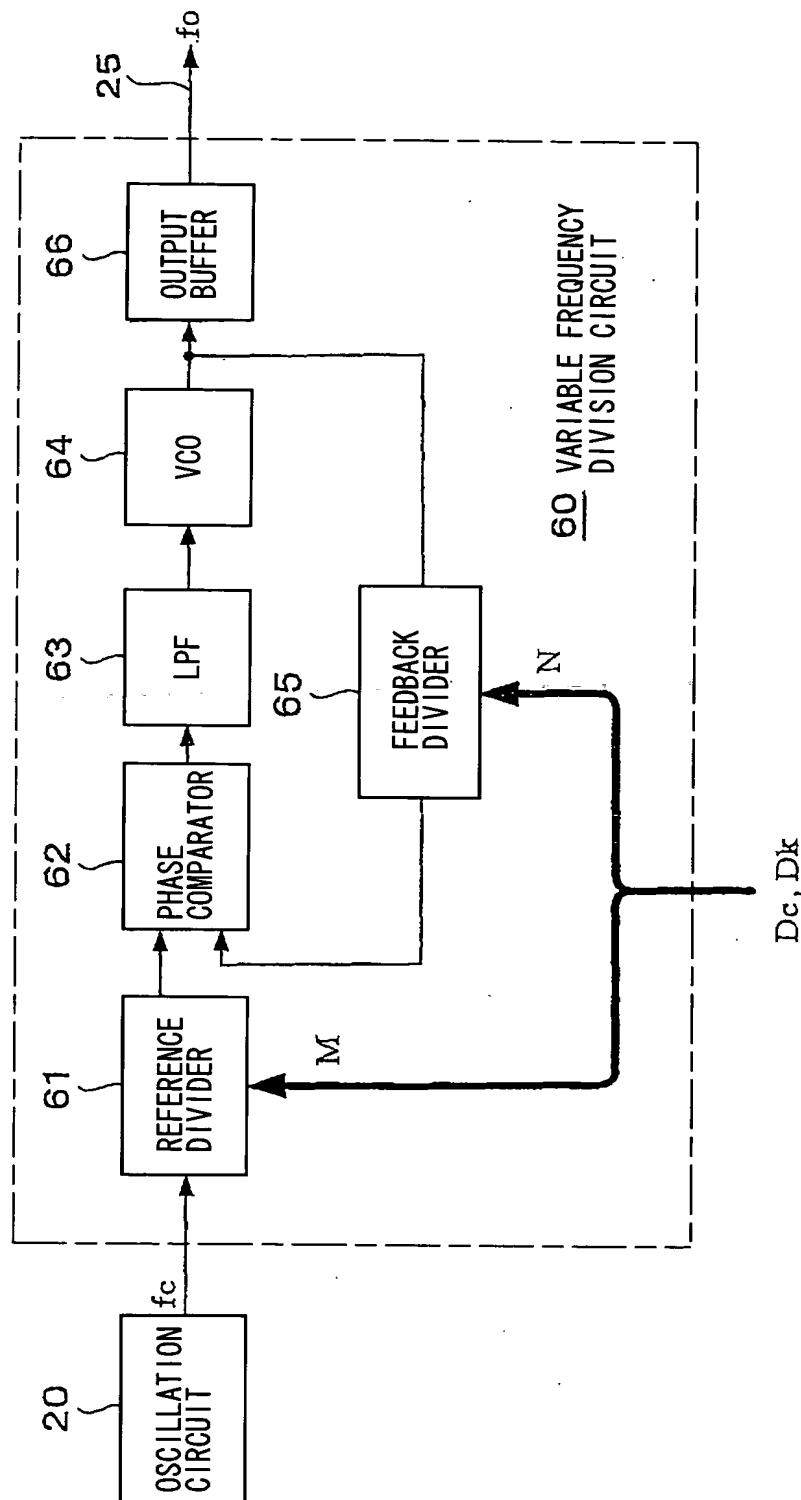


FIG. 5



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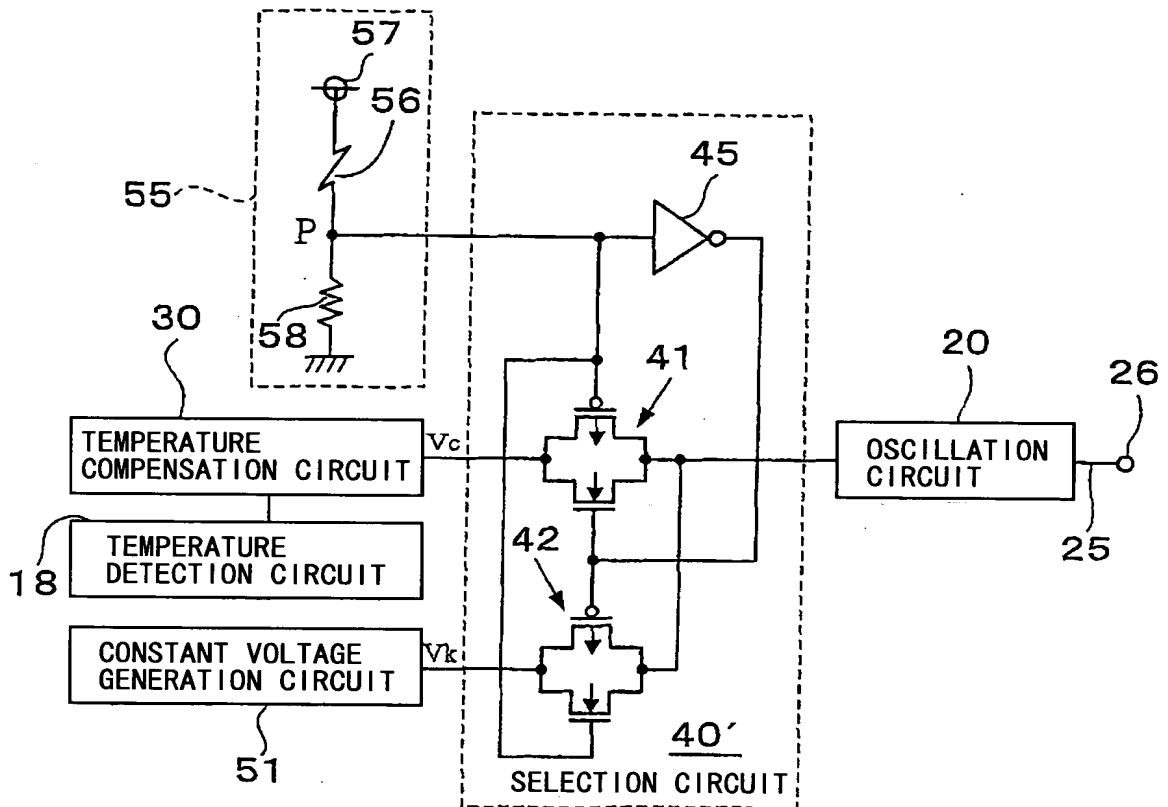
FIG. 6

| FREQUENCY DIVISION NUMBER |     | FREQUENCY<br>DIVISION RATIO<br>(MULTIPLICATION<br>NUMBER) | FREQUENCY OF<br>OUTPUT SIGNAL<br>(MHz) |
|---------------------------|-----|-----------------------------------------------------------|----------------------------------------|
| M                         | N   |                                                           |                                        |
| .                         | .   | .                                                         | .                                      |
| .                         | .   | .                                                         | .                                      |
| .                         | .   | .                                                         | .                                      |
| .                         | .   | .                                                         | .                                      |
| 102                       | 100 | 1.020                                                     | 20.4                                   |
| 203                       | 200 | 1.015                                                     | 20.3                                   |
| 101                       | 100 | 1.010                                                     | 20.2                                   |
| 201                       | 200 | 1.005                                                     | 20.1                                   |
| 100                       | 100 | 1.000                                                     | 20.0                                   |
| 199                       | 200 | 0.995                                                     | 19.9                                   |
| 99                        | 100 | 0.990                                                     | 19.8                                   |
| 197                       | 200 | 0.985                                                     | 19.7                                   |
| 98                        | 100 | 0.980                                                     | 19.6                                   |
| .                         | .   | .                                                         | .                                      |
| .                         | .   | .                                                         | .                                      |
| .                         | .   | .                                                         | .                                      |
| .                         | .   | .                                                         | .                                      |

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FIG. 7



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FIG. 8  
PRIOR ART

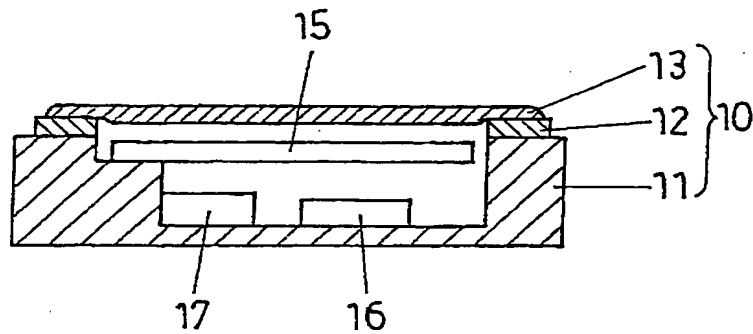


FIG. 9  
PRIOR ART

